

---

**Tris Buffered Saline Solution, pH 7.4 (10X)  
TBS, pH 7.4 (10X)**

<b>Catalog #:</b>	351-086-101	500mL
	351-086-101CS	10 x 500mL
	351-086-131	1000mL
	351-086-131CS	10 x 1000mL
	351-086-491	4L
	351-086-151	10L
<b>Store at:</b>	15°C to 30°C	
<b>Shipped at:</b>	ambient temperature	
<b>Composition:</b>	Tris base (0.25M), NaCl (1.37M), KCl (0.03M) in Molecular Biology Grade Water	

---

**Description**

Quality Biological's (QBI) Tris Buffered Saline, pH 7.4 (10X) is prepared from molecular biology grade Tris base[tris(hydroxymethyl)aminomethane], sodium chloride (NaCl), and potassium chloride using Quality Biological's Molecular Biology Grade (MBG) Water. The pH is adjusted to 7.4 with hydrochloric acid (HCl). The final product is sterile filtered through a 0.2µm filter membrane.

**Applications**

Tris Buffered Saline Solution, pH 7.4 (10X) is a reagent employed in the isolation of DNA from cells grown in tissue culture<sup>3</sup>.

**Quality Control***General*

All Quality Biological products for Molecular Biology are prepared according to standard published protocols.<sup>1,2</sup> All products are subjected to a variety of quality control procedures, including pH and osmolality determinations in order to validate the product is within its specifications.

*The test results of individual lots of SDS Protein Gel Loading Solution (2X) are available on the Quality Biological website.*

*Product Specific Testing*

TBS, pH 7.4 (10X) is routinely tested for the absence of DNase and RNase activity.

**All products sold by Quality Biological are intended for research use only. This product has not been approved for diagnostic or IVD use.**

### References

1. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual*, 2<sup>nd</sup> Ed. Cold Spring Harbor Laboratory Press.
2. Ausubel, F.M. et al., eds. (1993), *Current Protocols in Molecular Biology*, Greene Publishing Associates, Inc., in association with John Wiley & Sons, Inc.
3. Blin, N. & Stafford, D.W. (1976) Isolation of high molecular weight DNA, *Nucleic Acid Research*, 3, 2303.

### Related Products

#### DEPC Treated Water

Catalog #	351-065-721EA	100mL
	351-068-721	Pack of 4 x 100mL
	351-068-131	1000mL
	351-068-131CS	10 x 1000mL
	351-068-491	4 Liters
	351-068-151	10 Liters
	351-068-161	20 Liters

#### Molecular Biology Grade Water

Catalog #	351-029-721EA	100mL
	351-029-721	Pack of 4 x 100mL
	351-029-101	500mL
	351-029-101CS	10 x 500mL
	351-029-131	1000mL
	351-029-131CS	10 x 1000mL
	351-029-491	4 Liters
	351-029-151	10 Liters
	351-068-161	20 Liters